

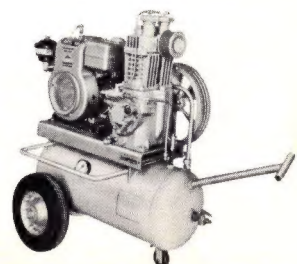
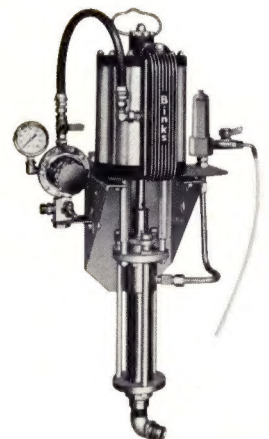
# *Airless Equipment Selection Guide*

**Binks**

PROFESSIONAL SPRAY PAINTING WITH

**AIRLESS**

SECTION II





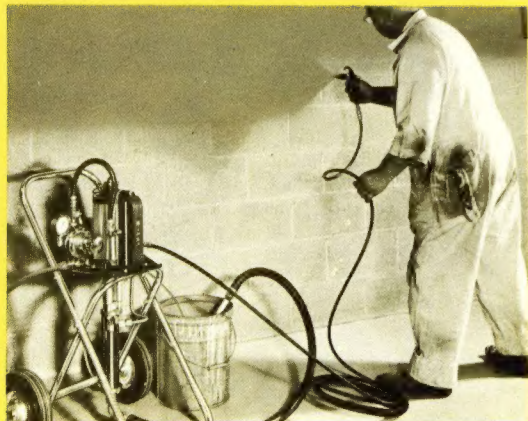
# AIRLESS...for Painters and Decorators

## ...and INDUSTRIAL APPLICATIONS

The COMPLETE new line of Binks airless spraying equipment allows the painting craftsman complete flexibility in applying decorative or maintenance coatings. Binks assemblies and components are designed to be light-weight, highly portable, easy to clean, low in maintenance, and with adequate pressures to atomize a broad range of coating materials. This Selection Guide contains all equipment and accessories necessary for airless spraying.

### OUTFITS FOR PAINTERS AND DECORATORS

Whether your jobs are big or small, specialized or general, Binks has an airless outfit for you. Specially designed components for the painter and decorator are carefully selected to make up a wide range of outfits. Ratios range from 25:1 to 50:1. Capacities vary from 1/2 gpm to 1 1/4 gpm. Refer to page 3 for proper pump selection.

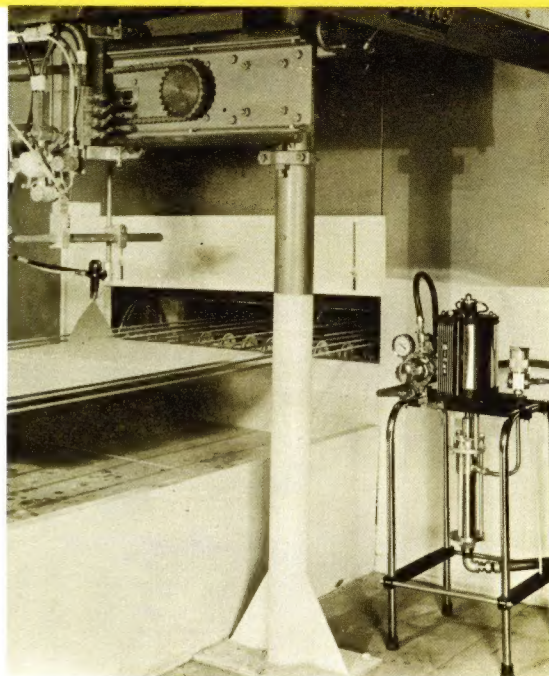


SIZE	TYPE OF MOUNT	OUTFIT MODEL NO.	PAGE
<b>SMALL</b> 28 oz. to 64 oz./min.	5 Gallon Container Mtd.	ECONOMY 98-777	5
		FALCON 3A 98-900	4
	Cart Mounted	ECONOMY 98-767	5
		FALCON 3A 98-901	4
	ELECTRIC AIRLESS	ELECTRA "5" 98-915	4
<b>MEDIUM</b> 128 oz./min.	5 Gallon Container Mtd.	HAWK 4B 98-902	4
	Cart Mounted	HAWK 4B 98-903	4
	55 Gallon Cover Mtd.	HAWK 4B 98-909	6
<b>LARGE</b> 256 oz./min.	10 Gallon Cart Mtd.	MERCURY 5C 98-2008	5
		SATURN 6C 98-2013	5
	"U" Cart Mtd.	MERCURY 5C 98-2009	5
		SATURN 6C 98-2017	5
	55 Gallon Cover Mtd.	MERCURY 5C 98-2010	6
		SATURN 6C 98-2014	6

### OUTFITS AND UNITS FOR INDUSTRY

The advantages of airless spray for industrial applications have been proven in the past several years. Reduced fog or rebound and heavier coatings make airless ideal. Many times a one-coat finish using the airless method will replace a two-coat conventional spray finish.

SIZE	TYPE OF MOUNT	OUTFIT MODEL NO.	PAGE
<b>SMALL</b> 28 oz. to 64 oz./min.	5 Gallon Container Mtd.	ECONOMY 98-777	5
		FALCON 3A 98-900	4
	Wall Mounted	FALCON 3A 98-904	6
	Floor Mounted	FALCON 3A 98-905	6
<b>MEDIUM</b> 128 oz. to 256 oz./min.	5 Gallon Container Mtd.	HAWK 4B 98-902	4
		HAWK 4B 98-907	6
	Wall Mounted	MERCURY 5C 98-2011	6
		SATURN 6C 98-2015	6
		HAWK 4B 98-908	6
	Floor Mounted	MERCURY 5C 98-2012	6
		SATURN 6C 98-2016	6
	10 Gallon Cart Mtd.	MERCURY 5C 98-2008	5
		SATURN 6C 98-2013	5
	55 Gallon Cover Mtd.	HAWK 4B 98-909	6
		MERCURY 5C 98-2010	6
		SATURN 6C 98-2014	6
<b>LARGE</b> 384 oz./min.	"U" Cart Mtd.	MERCURY 5C 98-2009	5
		SATURN 6C 98-2017	5
	"U" Cart Mtd.	JUPITER 8D 41-4076	10
	Floor Mounted	JUPITER 8D 41-4078	10
	Wall Mounted	JUPITER 8D 41-4077	10
	55 Gallon Cover Mtd.	JUPITER 8D 41-4075	10



### Technical Features

The industrial outfits on the following pages can handle virtually all fluids required to finish or protect your product. Fluid sections are made of stainless steel, hard chrome and other corrosion resistant materials in the critical wear areas. All fluid sections have a packing take-up nut and reversible tungsten carbide seats for longer wear. Air motors feature an all new fast cycling air valve which reduces icing to a minimum.

### HEATED AIRLESS

Binks offers a wide selection of Heated Airless Outfits and Components. Refer to page 7 for outfits and pages 10 through 15 for components.



# HOW TO SELECT ... an AIRLESS PUMP

Choose from 11 different models of quality-built Binks airless pumps. There is a unit to suit nearly all your spraying requirements. Type of materials to be sprayed, size of job, volume of air available, all are considerations which govern the selection of the particular airless pump that is right for you and the reason for the wide variety of pumps in our line. When selecting an airless unit, answer these questions:

1. What type of material is to be sprayed?

Determining the general characteristics of the materials to be sprayed is an important step towards proper pump selection.

Low viscosity materials such as stains and lacquers can be sprayed with small orifice nozzles (.007 to .018).

To obtain the flow of heavier viscosity materials, larger orifice nozzles and higher ratio pumps are required. Refer to the Airless Nozzle Flow Chart below and select a nozzle range which is best suited for the material to be sprayed.

2. How much material volume does the job require?

In the pressure columns of the Airless Nozzle Flow Chart, two sets of figures are shown: An ounce per minute delivery rate and a CFM figure. By dividing the ounce per minute figure into 128 (128 ounces per gallon) you can determine how many nozzles of a particular size can be operated from a 1 GPM pump.

3. How much air should be available?

Adequate air supply for efficient operation is determined by multiplying the number of nozzles to be used by the CFM figure in the Airless Nozzle Flow Chart. Allowance should be made for additional air operated accessories such as agitators, etc.

Pump	Ratio	Oz. Per. Min.				Pump	Ratio	Oz. Per. Min.			
		Cont. Duty	Max. Inter.					Cont. Duty	Max. Inter.		
ECONOMY	25:1	28	34			MERCURY 5B	50:1	128	160		
FALCON 3A	30:1	64	86			MERCURY 5C	30:1	192	224		
HAWK 4B	30:1	128	160			SATURN 6C	40:1	192	224		
*FALCON 3B	17:1	128	160			*SATURN 6D	21:1	384	384		
HAWK 4A	50:1	64	86			JUPITER 8D	35:1	384	384		
*HAWK 4C	18:1	192	224			ELECTRA "5"		64	64		

\* Heated Applications

## AIRLESS NOZZLE FLOW CHART

Delivery in Ounces Per Minute and C.F.M. Required

ORIFICE	500 P.S.I.	1000 P.S.I.	1500 P.S.I.	2000 P.S.I.	2500 P.S.I.
<b>VERY THIN - Wash Primers, Dyes, Stains, Solvents, Water, Inks</b>					
.007	4. oz. - .5 cfm	5. oz. - .66 cfm	6. oz. - .8 cfm	6.7 oz. - 1.4 cfm	7 oz. - 1.7 cfm
.009	4.5 oz. - .58 cfm	5.7 oz. - .76 cfm	6.8 oz. - .87 cfm	8.4 oz. - 1.8 cfm	10 oz. - 2.7 cfm
.011	6.5 oz. - .8 cfm	8.5 oz. - 1.1 cfm	12. oz. - 2. cfm	14. oz. - 2.9 cfm	15 oz. - 3.8 cfm
<b>THIN - Sealers, Lacquers, Primers, Ink, Zinc Chromate, Acrylics, Lubricants</b>					
.013	12. oz. - .8 cfm	15. oz. - 1.1 cfm	19. oz. - 3. cfm	22. oz. - 4.5 cfm	26 oz. - 6.4 cfm
.015	13. oz. - 1.1 cfm	19. oz. - 2.5 cfm	24. oz. - 4. cfm	27. oz. - 5.7 cfm	32 oz. - 8. cfm
.016	14. oz. - 1.3 cfm	22. oz. - 2.9 cfm	29. oz. - 4.8 cfm	34. oz. - 7. cfm	39 oz. - 9.7 cfm
<b>MEDIUM - Lacquers, Synthetic Enamels, Varnishes, Shellacs, Fillers</b>					
.018	12. oz. - 1. cfm	19. oz. - 2.5 cfm	26. oz. - 4.2 cfm	35. oz. - 7.4 cfm	44 oz. - 10. cfm
.021	14. oz. - 1.2 cfm	24. oz. - 3.5 cfm	32. oz. - 5.3 cfm	46. oz. - 9.5 cfm	56 oz. - 13. cfm
<b>HEAVY - House Paints, Wall Paints, Block Sealers, Block Paints, Mill Whites, Vinyls</b>					
.026		21. oz. - 2.7 cfm	34. oz. - 5.7 cfm	51. oz. - 11. cfm	65 oz. - 16. cfm
.031		26. oz. - 3.3 cfm	48. oz. - 7.4 cfm	65. oz. - 14. cfm	85 oz. - 21. cfm
.036		32. oz. - 4.2 cfm	68. oz. - 11. cfm	95. oz. - 20. cfm	126 oz. - 31. cfm
<b>VERY HEAVY - Unaggregated Block Fillers, Texture Coatings, Fire Retardants, Bitumastics</b>					
.043		31. oz. - 4. cfm	61. oz. - 10. cfm	105. oz. - 22. cfm	143 oz. - 36. cfm
.072		72. oz. - 9.5 cfm	112. oz. - 18. cfm	151. oz. - 32. cfm	190 oz. - 47. cfm

NOTE: There are variables in equipment and fluids which cause this chart to be approximate, however, it is sufficiently accurate for proper equipment selection.

The C.F.M. ratings are maximum under continuous duty conditions.

### CUSTOM OUTFITS

Binks offers a complete line of airless components and accessories for all types of applications ... single or multi-gun operations, dead-end or high pressure circulating, hand or automatic, heated or cold. For custom applications, consult your nearest Binks representative.



# PAINTER AND DECORATOR OUTFITS



## 5 GALLON COVER MOUNTED OUTFITS

Allow pumping directly from container. Enclosed and compact with handles on cover and pump for easy material changing and portability. Those outfits fit easily into car trunk or station wagon. Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, air control, and filter.

**Model 98-900 FALCON 3 A (Shown)**

A dependable 30 to 1 ratio, 2/3 gpm, single gun outfit.

**Model 98-902 HAWK 4 B (Not Shown)**

Tough enough for heavier fluids and can be adapted for a two gun operation. 30 to 1 ratio at 1 1/4 gpm. Container furnished with 5 Gallon Outfits.



## SIPHON CART MOUNTED OUTFITS

Pump from any size container with the advantage of fast color change and cleanup. Highly portable for convenience and can be folded for transportation in either station wagon or pickup truck.

**Model 98-901 FALCON 3 A**

A 30 to 1 ratio, 2/3 gpm, handles most painting jobs with ease.

**Model 98-903 HAWK 4 B (Shown)**

A 30 to 1 ratio, 1 1/4 gpm, high output outfit with economical air consumption.

Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, siphon hose and filter.

## ELECTRIC AIRLESS

The Binks Electric Airless spray outfit is a 1/2 gpm unit. Just "plug it in" to any 115 volt, 60 cycle outlet. A Direct Drive Principle, the pump is driven by an electric motor, paint is siphoned into the pump, and pressurized to the gun thru a high pressure fluid hose. No air is necessary for atomizing or driving the pump.

### ELECTRA 5 Model 98-915 OUTFIT

The complete outfit as shown is for one gun operation. Mounted on 10" wheels for mobility, with a 1 HP, 115 volt, 60 cycle explosion proof motor, including 25' grounded electrical cord. Siphons paint from 5 gal. bucket attached to unit. Has siphon strainer, high pressure edge type filter element, 25' 1/4" nylon high pressure airless fluid hose, and Binks Model 50 airless gun and tip. Container not furnished with outfit.

### ELECTRA 5 Model 41-4173

Same as above less hose, gun, and nozzle tip. P.S. 1791

NOTE: All outfits include 25' fluid hose, gun and nozzle tip (select tip - see Page 9 for Tip Selection Chart).





# Painter AND DECORATOR OUTFITS

## 10 GALLON CART MOUNTED OUTFIT

Big brother to the 5 gallon outfit it allows you to pump directly from the container. Wheeled cart maintains mobility with larger containers. Easy change-over accomplished with elevator. Fluid agitator included to ease in spraying heavier materials.

### Model 98-2008 MERCURY 5C (Shown)

Handles those "tough jobs" requiring output of 30 to 1 ratio and 1-3/4 gpm delivery. Suitable for multigun operation.

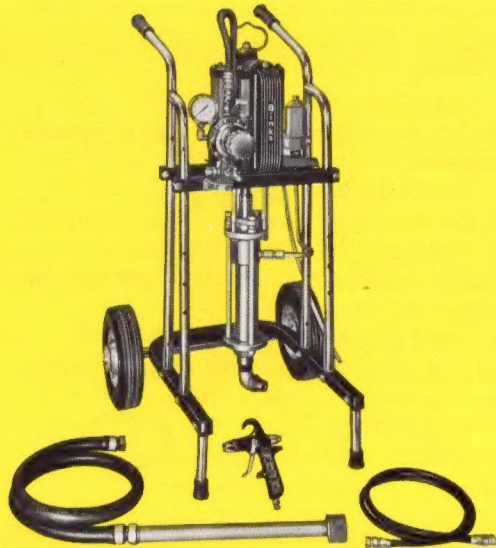
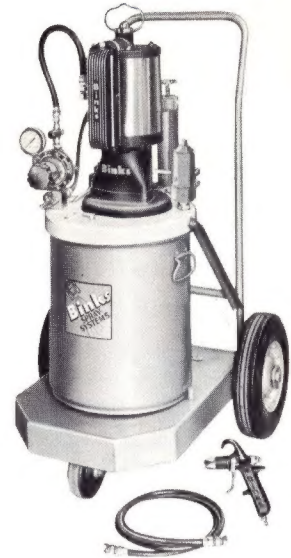
### Model 98-2013 SATURN 6C (Not Shown)

This 40 to 1 ratio pump enables the pumping of heavier materials and allows the use of longer fluid hose runs and multigun capability.

### Model 98-2019 MERCURY 5B (Not Shown)

This 50 to 1 ratio pump enables pumping through longer length of hose, or when higher air pressure is not available.

Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, container and filter.



## "U" CART MOUNTED OUTFITS

The "U" Cart, like the Siphon Cart, allows high mobility and quick color change with any size container (5 or 55 gallon drum).

### Model 98-2009 MERCURY 5C (Shown)

30 to 1 ratio, 1 3/4 gpm delivery. Ideal for high production with one or more spray guns.

### Model 98-2017 SATURN 6C (Not Shown)

A 40 to 1 ratio outfit with 1 3/4 gpm delivery. Suitable for multigun operation.

Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, siphon hose and filter.

## ECONOMY OUTFITS

For economy, mobility, and low maintenance these one gun outfits are hard to beat. These outfits are supplied with the Model 39 Airless Gun, 25 feet of high pressure nylon fluid hose, pump, and air control.

### Model 98-767 ECONOMY SIPHON FEED OUTFIT (Shown)

A 25 to 1 ratio outfit. (See Bulletin A98-18)

### Model 41-8890 ECONOMY SIPHON FEED UNIT

Same as above less gun and hose.

### Model 98-777 5 GALLON ECONOMY OUTFIT (Shown)

A lightweight, 25 to 1 ratio outfit with 28 oz. delivery per minute. (See Bulletin A98-18)

Containers furnished with outfits shown.

NOTE: All outfits include 25' fluid hose, gun and nozzle tip (select tip - see Page 9 for Tip Selection Chart).





# INDUSTRIAL OUTFITS



## WALL MOUNTED OUTFITS\*

Wall mounted outfits are capable of siphoning from 5 or 55 gallon containers or may be fed by a low pressure circulating system. Outfit can be mounted remotely on a wall or on the side of the spray booth.

### Model 98-904 FALCON 3 A Outfit

30 to 1 ratio, 2/3 gpm pump. Ideal for operations which do not require high volume output.

### Model 98-907 HAWK 4 B Outfit

30 to 1 ratio, 1 1/4 gpm pump.

### Model 98-2011 MERCURY 5 C Outfit (Shown)

30 to 1 ratio, 1 3/4 gpm pump. High volume pump that can handle multiple spray nozzles.

### Model 98-2015 SATURN 6 C Outfit

40 to 1 ratio, 1 3/4 gpm pump. A high volume pump at a higher ratio. Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, siphon hose and filter.



## FLOOR MOUNTED OUTFITS\*

These are compact outfits using a minimum of floor space. Siphon feed permits using 5 to 55 gallon containers and provides quick color change and cleanup.

### Model 98-905 FALCON 3 A Outfit

This 30 to 1 ratio, 2/3 gpm stationary outfit is ideal for pressure feed, one gun operations.

### Model 98-908 HAWK 4 B Outfit

30 to 1 ratio, 1 1/4 gpm delivery for single or multigun operation.

### Model 98-2012 MERCURY 5 C Outfit (Not Shown)

A durable, lightweight, mounted 30 to 1 ratio, 1 3/4 gpm pump for medium to high production.

### Model 98-2016 SATURN 6 C Outfit (Shown)

Uses a 40 to 1 ratio, 1 3/4 gpm pump. Suitable for multigun operation with high delivery capability.

Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, siphon hose and filter.

## 55 GALLON COVER MOUNTED OUTFITS\*

An excellent all-around outfit for single and multigun operations. Pump from original shipping container. All outfits include 55 gal. cover and elevator for ease of color change, cleanup, and material handling as well as an agitator.

### Model 98-909 HAWK 4 B Outfit

A 30 to 1 ratio, 1 1/4 gpm outfit for single or multigun operation.

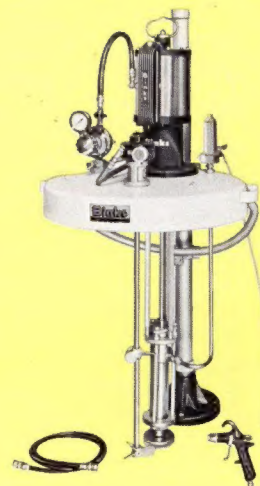
### Model 98-2010 MERCURY 5 C Outfit (Shown)

A complete cover mounted 55 gallon drum outfit of 30 to 1 ratio and 1 3/4 gpm delivery.

### Model 98-2014 SATURN 6 C Outfit

This 40 to 1, 1 3/4 gpm outfit with agitator is ideal for multigun operations and for pumping heavier materials over longer hose runs.

Outfits contain Model 50 Gun with nozzle, 25 ft. length of high pressure airless fluid hose, pump, pump mounting, air control, and filter.



\*CONTAINER NOT FURNISHED WITH OUTFIT.

NOTE: All outfits include 25' fluid hose, gun and nozzle tip (select tip - see Page 9 for Tip Selection Chart).



# HEATED OUTFITS

Binks offers two basic pumps packaged as heated outfits. This page shows these pump-mount-heater selections as offered with single heater or double heaters. (Both fixed thermostat and adjustable thermostat.) High pressure heaters offer controlled material temperature, reduce surface tension and viscosity. Low viscosity materials are easier to atomize, therefore forming a more perfect spray pattern. Heated materials require less thinning which in turn means a heavier buildup of paint and faster coverage.

All outfits shown are recirculating and contain a Back Pressure Valve to maintain correct pressure in the system.

Furnished with each outfit is a pump, mount, filter, air control, siphon hose, recirculating gun, tungsten carbide tip, 25 ft. length high pressure nylon fluid hose (paired), back pressure valve, and a single or double heater.

## WALL MOUNTED OUTFITS \*

- †† Model 42-5086 FALCON 3 B Outfit  
A 17 to 1 ratio, 1¼ gpm outfit with single heater kit (Fixed Thermostat).
- †† Model 42-5087 FALCON 3 B Outfit  
Same as above but with single heater kit (Adjustable Thermostat).
- † Model 42-5112 FALCON 3 B Outfit  
Same as 42-5086 but with double heater kit (Fixed Thermostat).
- † Model 42-5113 FALCON 3 B Outfit  
Same as 42-5087 but with double heater kit (Adjustable Thermostat).
- † Model 42-5152 HAWK 4 C Outfit (Shown)  
A 18 to 1 ratio, 1¾ gpm outfit with double heater kit (Fixed Thermostat).
- † Model 42-5153 HAWK 4 C Outfit  
Same as 42-5152 but with double heater kit (Adjustable Thermostat).

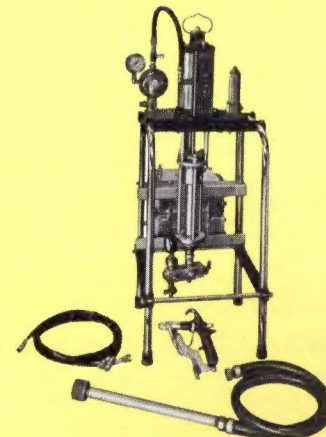


## "U" CART MOUNTED OUTFITS\*

- †† Model 42-5085 FALCON 3 B Outfit  
A 17 to 1 ratio, 1¼ gpm outfit with single heater kit (Adjust. Thermostat).
- †† Model 42-5111 FALCON 3 B Outfit  
Same as 42-5085 but with double heater kit (Adjustable Thermostat).
- †† Model 42-5084 FALCON 3 B Outfit  
Same as 42-5085 but with single heater kit (Fixed Thermostat).
- † Model 42-5110 FALCON 3 B Outfit  
Same as 42-5084 but with double heater kit (Fixed Thermostat).
- † Model 42-5156 HAWK 4 C Outfit (Shown)  
A 18 to 1 ratio, 1¾ gpm outfit with double heater kit (Fixed Thermostat).
- †† Model 42-5157 HAWK 4 C Outfit  
Same as 42-5156 but with double heater kit (Adjustable Thermostat).

## FLOOR MOUNTED OUTFITS\*

- †† Model 42-5088 FALCON 3 B Outfit  
A 17 to 1 ratio, 1¼ gpm outfit with single heater kit (Fixed Thermostat).
- † Model 42-5114 FALCON 3 B Outfit  
Same as 42-5088 but with double heater kit (Fixed Thermostat).
- †† Model 42-5089 FALCON 3 B Outfit  
Same as 42-5088 but with single heater kit (Adjustable Thermostat).
- †† Model 42-5115 FALCON 3 B Outfit  
Same as 42-5114 but with double heater kit (Adjustable Thermostat).
- † Model 42-5154 HAWK 4 C Outfit (Shown)  
A 18 to 1 ratio, 1¾ gpm outfit with double heater kit (Fixed Thermostat).
- †† Model 42-5155 HAWK 4 C Outfit  
Same as 42-5154 but with double heater kit (Adjustable Thermostat).



†Indicates 230 volt heater.

††Indicates either 115 or 230 volt heater. (Specify choice of voltage.)

●A license is required with heated outfits using temperature over 135° F.

NOTE: All outfits include 25' fluid hose, gun and nozzle tip (select tip - see Page 9 for Tip Selection Chart).



# GUNS

## MODEL 50 AIRLESS GUN

Forged Aluminum Body, Stainless Steel Head, Tungsten Carbide Valve and Seat, Cartridge Valve Assembly, Safety Knob for SAFE removal of Spray Tip, Fluid Inlet in Handle. 1/4" NPS (M) Fluid Inlet. Fluid Filter not included - see accessories. Shipping Weight 1 1/2 lbs. (Less tip - see Chart). P/S 1718



## MODEL 50 S AIRLESS GUN

Same as Model 50 Airless Spray Gun but with all stainless steel fluid passage. Shipping Weight 1 1/2 lbs. (Less tip - see Chart).

Accessory Trigger Guard Model 54-2272

## MODEL 51 AUTOMATIC AIRLESS GUN

Forged Aluminum Body, Stainless Steel Head, Tungsten Carbide Valve and Seat, Cartridge Valve Assembly. Fluid Valve actuated by built in Air Cylinder, mounting hole 1/2", 1/4" NPS (M) Air Cylinder Inlet, 1/4" NPS (M) Fluid Inlet, 3 Way Valve required to actuate Cylinder. 30 lb. minimum air supply. Shipping Weight 1 1/2 lbs. (Less tip - see Chart). P/S 1734



## MODEL 51 H AUTOMATIC AIRLESS GUN

Same as Model 51 Automatic Airless Gun but with Recirculating Head. For heated or recirculating fluid materials.

Shipping Weight 2 lbs. (Less tip - see Chart). P/S 1735

## MODEL 50 H HOT AIRLESS GUN

Same as Model 50 except with dual insulated head for recirculating hot airless materials. Safety Knob for SAFE removal of Spray Tip, insulated protective Guard on Fluid inlets. 1/4" NPS (M). Shipping Weight 2 lbs. (Less tip - see Chart). P/S 1733



## MODEL 52 FINGER TIP PRODUCTION GUN

Forged Aluminum Body, Stainless Steel Head, Tungsten Carbide Valve and Seat. Fluid Inlet located in Handle. 1/4" NPS (M) Fluid Inlet. Easily operated one finger top Trigger Lever. Ring hole finger grip for comfort. Fluid Filter not included - see accessories. Shipping Weight 2 lbs. (Less tip - see Chart). P/S 1736

## NOZZLE EXTENSIONS

Provides access to hard to reach places when a Model 42 Gun is not available.



For Model 50 Gun	For Model 39 Gun	
52-2901	52-1836	6" Ext. - Ship.Wt. 2 1/4 lbs.
52-2902		9" Ext. - Ship.Wt. 3 3/8 lbs.
52-2903	52-1837	12" Ext. - Ship.Wt. 4 1/2 lbs.
52-2904		15" Ext. - Ship.Wt. 5 5/8 lbs.
52-2905	52-1838	18" Ext. - Ship.Wt. 6 3/4 lbs.
52-2906	52-1839	24" Ext. - Ship.Wt. 9 lbs.
52-2907	52-1840	30" Ext. - Ship.Wt. 11 1/4 lbs.
52-2908	52-1841	36" Ext. - Ship.Wt. 13 1/2 lbs.
52-2909		48" Ext. - Ship.Wt. 18 lbs.

Above extensions are less tip and gun; see Chart.



## MODEL 42 AIRLESS POLE GUN

180° Swivel Head, Tungsten Carbide Fluid shut-off Valve and Seat at Head of Gun, 1/4" NPS (M) Fluid Inlet.

No.54-1534, 4' length - Ship. Weight 24 lbs.  
No.54-1585, 6' length - Ship. Weight 27 lbs.  
No.54-1586, 8' length - Ship. Weight 30 lbs.  
No.54-2528 Adapter. For adapting the 50 Gun Twist Tip Assy. to the Model 42 Pole Gun.

(All Models less tip, see Chart). P/S 1554

## MODEL 39 AIRLESS GUN

Light-weight Aluminum Die Cast Body, Stainless Steel Head, two finger Trigger, Tungsten Carbide Valve and Seat, Brass velocity diffuser Nut for safe removal of Spray Tip, 1/4" NPS (M) Fluid Inlet. Shipping Weight 1 1/2 lbs. (Less tip - see Chart). P/S 1615



MODEL 39 GUN WITH SAFETY LOCK. APPROVED, STATE OF CALIF. #C-2955 P/S 1565

## MODEL 39A AIRLESS GUN

Same as Model 39 Airless Spray Gun except for airless spray of non-pigmented, non-abrasive fluids. Stainless Steel Valve and Seat with Chrome Plated Brass Tips, Diffuser Nut not included.

Shipping Weight 1 1/2 lbs. (Includes Tip - see Bulletin A54-10 or P/S 1563)



# NOZZLES AND ACCESSORIES



54-2378



54-2208



54-1835  
54-1836



54-1639



54-1640

## DIFFUSER NUTS, SCREENS, THIMBLE, AND GASKET

The Diffuser Nut is a chamber to reduce the fluid velocity, aid filtration, and also acts as a safety feature.

\*Model 54-2208 for use with 54-1639 Thimble and 54-1640 (50 mesh) screen, or 54-1797 (100 mesh) screen.

\*Model 54-2378 for use with 54-1835 .005, or 54-1836 .009 edge type filter.

Note: \*When adding either Diffuser Nut, a 54-2229 Nylon Gasket is required.



## SAPPHIRE INSERTS

These Sapphire Inserts are used to feather the spray pattern edge for finer finishes and aid in the longer life of spray tips.

"Licensed under U.S. Patent 3,000,576 and corresponding patents in Great Britain, Germany, Belgium, France, Italy, Canada, Australia, Switzerland, Sweden and Japan."

MODEL	ORIFICE	USE WITH NOZZLE NO'S.	EQUIVALENT ORIFICE
9-10110	.010	From 9-0720 to 9-0950	.007" - .009"
9-10112	.012	9-1100 to 9-1180	.011"
9-10115	.015	9-1300 to 9-1380	.013"
9-10120	.020	9-1500 to 9-1880	.015" - .018"
9-10126	.026	9-2100 to 9-2680	.021" - .026"

**TWIST TIP NOZZLE CLEANER** Now, by using the Binks Twist Tip Cleaner Nozzle Assembly, clogged nozzle tips are quickly and easily cleaned. Before, clogged nozzle tips were a major concern, causing costly delays while spraying with airless.

Note: When ordering a complete assembly, be sure to specify the Assembly No. To select twist tip for Model 39 Gun see Bulletin A52-4.

Other nozzle selections are available. Contact your nearest Binks Representative.



## Twist Tip Cleaner Nozzle Assemblies for Model 50 Series Guns Only, complete with Tungsten Carbide Tip.

Assembly No.	Nozzle Kit No.	Tip	Orifice	Angle
54-2241	54-1891	DF	.013	25°
54-2242	54-1892	DJ	.013	50°
54-2243	54-1893	EC	.015	15°
54-2244	54-1894	EH	.015	40°
54-2245	54-1895	GM	.018	65°
54-2246	54-1896	HP	.021	80°
54-2247	54-1897	IP	.026	80°
54-2248	54-1898	JM	.031	65°
54-2249	54-1899	LH	.043	40°
54-2250	54-1934	EM	.015	65°
54-2251	54-1935	IM	.026	65°
54-2252	54-1996	FO	.016	70°
54-2253	54-2022	CM	.011	65°
54-2254	54-2047	HB	.021	10°



## AIRLESS GUN SWIVEL

Allows freedom of movement, prevents hose kinks. Available as 72-780 1/4" NPS(M) x 1/4" NPS(F) Swivel Nut. For 39 Gun, 72-810 1/8" NPT(M) x 1/4" NPS(M).

The following Tip Selection Consideration Chart is only a guide to normal tip usage. It is impossible to precisely specify tip sizes as material viscosity, rate of application, operator, etc., vary from one job to the next.

TIP SELECTION CONSIDERATIONS			
SURFACE	MATERIAL	TIP	APPLICATION
Paneling Cabinets Natural Wood Surfaces	Sealers Stains Lacquers	.013 to .018	With Lacquer .013 orifice is normally used. Larger orifice sizes to .018 may be used.
Eaves Overhangs	Primers Exterior Finishes	.018 to .026	For production work on exterior surfaces.
Masonry Stucco Concrete Blocks	Latex Oil Vinyl Acrylics	.018 to .026	A .021 usually used on new work. A .018 for refinishing.
Shingles Siding	Vinyl Oil Stains Acrylics	.018 to .026	Same as above.
Joists Ceilings	Mill Whites	.021 to .026	Use narrow fan to obtain access to tight places.

## TIP SELECTION CHART

Tip No.	Orifice	* Capacity GPM	Approx. Spray Width 12" Away	Tip No.	Orifice	* Capacity GPM	Approx. Spray Width 12" Away
9-0720			4 1/2	9-1840			10
9-0730	.007	.057	5 1/2	9-1850	.018	.36	11
9-0740			6 1/2	9-1860			13
				9-1880			15
9-0920			4 1/2	9-2100			4
9-0930	.009	.078	5 1/2	9-2110			5
9-0940			7	9-2120			6 1/2
9-0960			9 1/4	9-2130	.021	.47	8
9-1100			3	9-2140			11
9-1110			5	9-2150			12
9-1120			4	9-2160			15
9-1130	.011	.12	6	9-2180			17
9-1140			7 1/2				
9-1150			8 1/2	9-2620			7
9-1170			10	9-2630			9
9-1180			11 1/2	9-2640			12
				9-2650	.026	.72	14
9-1300			3	9-2660			16
9-1310	.013	.18	4	9-2680			19
9-1320			5	9-2690			21
9-1330			6				
9-1340	.013	.18	8	9-3120			7
9-1350			9	9-3130			9
9-1360			10 1/2	9-3140	.031	1.1	12
9-1380			12 1/2	9-3150			14
				9-3170			16
9-1500			3 1/2	9-3180			19
9-1510			5 1/2	9-3190			21
9-1520			4				
9-1530	.015	.23	7	9-3620			7
9-1540			8 1/2	9-3630			9
9-1550			10	9-3640	.036	1.4	12
9-1560			11	9-3650			14
9-1580			13	9-3660			16
				9-3680			19
9-1670	.016	.28	13	9-3690			21
9-1800			4				
9-1810	.018	.36	5	9-4340	.043	2.1	12
9-1820			6	9-4360			16
9-1830			7				
				9-7260	.072	5.7	16

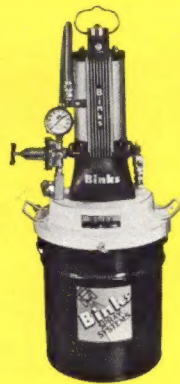
\*Capacity tabulation based on water at 2000 PSI.



# PUMP UNIT AND MOUNTING

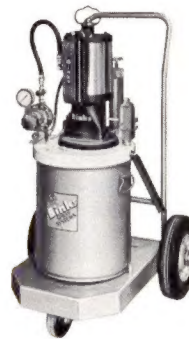
WET UNITS ONLY

Pump Units are the same as Outfits but less Gun and Hose. To find desired Unit Model Number, select Bare Pump Assembly and follow line horizontally to Mounting Kit column. The number found here will be the Unit Model Number. The alphabet letters indicate components furnished with the Unit (see bottom of pages 10 and 11). See Page 3 for delivery and air consumption of pumps.



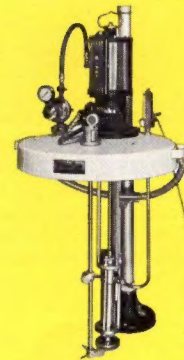
**5 GALLON UNIT  
5 GALLON PUMP**

Mounting Kit only 41-4143  
P/S 1745



**10 GAL. UNIT/ELEVATOR  
10 GALLON PUMP**

Mounting Kit only 41-4144  
P/S 1745



**55 GALLON UNIT  
55 GALLON PUMP**

Mounting Kit only 41-4145  
P/S 1745

## BARE PUMP ASSEMBLIES

BARE PUMP RATIO	5 GAL.	10 GAL.	55 GAL.
FALCON 3A 30:1	41-4042		41-4050
HAWK 4B 30:1	41-4052	41-4059	41-4051
MERCURY 5C 30:1	41-4062	41-4069	41-4063
HAWK 4A 50:1	41-4092	41-4090	41-4094
MERCURY 5B 50:1	41-4102	41-4103	41-4104
SATURN 6C 40:1	41-4112	41-4119	41-4113
SATURN 6D 21:1	41-4162	41-4164	41-4163
JUPITER 8D 35:1	41-4072		41-4073
FALCON 3B 17:1	41-4132		
FALCON 3B 17:1	41-4132		
HAWK 4C 18:1	41-4152		
HAWK 4C 18:1	41-4152		
SATURN 6D 21:1	41-4162		
SATURN 6D 21:1	41-4162		

41-4043

a, c

41-4053

b, d

41-4093

b, c

41-4054

b, d, g-1

41-4064

b, d, g-1

41-4091

b, c, g-1

41-4109

b, c, g-1

41-4114

b, d, g-1

41-4165

b, d, g-1

41-4045

a, c, g-2

41-4055

b, d, g-2

41-4065

b, d, g-2

41-4095

b, c, g-2

41-4105

b, d, g-2

41-4115

b, d, g-2

41-4169

b, d, g-2

41-4075

b, d, g-2

## AIR MOTORS

Name	Model No.	Part Sheet No.
FALCON 3"	41-2193	1738
HAWK 4"	41-2194	1738
MERCURY 5"	41-2195	1739
SATURN 6"	41-2196	1739
JUPITER 8"	41-2197	1852

## FLUID SECTIONS

5 Gallon "A"	41-2136	1741
10 Gallon "A"	41-2726	1741
55 Gallon "A"	41-2484	1741
5 Gallon "B"	41-2137	1742
10 Gallon "B"	41-2727	1742
55 Gallon "B"	41-2485	1742
5 Gallon "C"	41-2200	1743
10 Gallon "C"	41-2728	1743
55 Gallon "C"	41-2486	1743
5 Gallon "D"	41-2164	1744
10 Gallon "D"	41-2729	1744
55 Gallon "D"	41-2487	1744

## UNIT COMPONENTS

- a.** 1/4" AIR CONTROL  
Model 41-4278 used with Falcon 3"  
Air Motors. P/S 1737



- b.** 1/2" AIR CONTROL  
Model 41-4279 used with Hawk 4",  
Mercury 5", and Saturn 6" Air Motors.  
P/S 1737

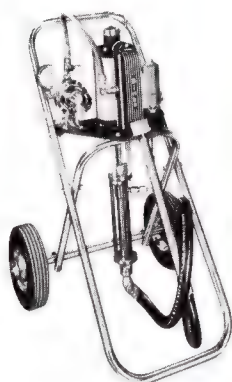
- c.** SINGLE FILTER MANIFOLD  
(For "A" Fluid Section only)  
Model 41-2280 for single gun operation.  
Used on 5, 10, and 55 gallon cover mounts.  
Contains one 54-2211 edge type filter element of .012 spacing.  
(See Filter Elements for other sizes, Page 14.) P/S 1747





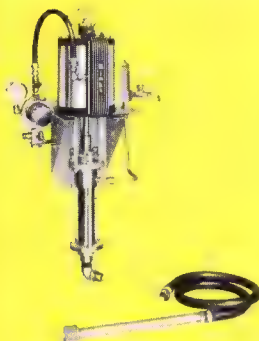
# KIT SELECTION CHART

## DRY UNITS



**SIPHON CART UNIT  
5 GALLON PUMP**

Mounting Kit only 41-4146  
P/S 1746



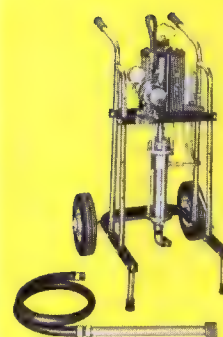
**WALL MOUNT UNIT  
5 GALLON PUMP**

Mounting Kit only 41-4147 (Cold)  
Mounting Kit only 41-4157 (Hot)  
P/S 1746



**FLOOR MOUNT UNIT  
5 GALLON PUMP**

Mounting Kit only 41-4148 (Cold)  
Mounting Kit only 41-4158 (Hot)  
P/S 1746



**"U" CART UNIT  
5 GALLON PUMP**

Mounting Kit only 41-4149 (Cold)  
Mounting Kit only 41-4159 (Hot)  
P/S 1680

41-4046 a, c, f	41-4047 a, c, f	41-4048 a, c, f	
41-4056 b, d, f	41-4057 b, d, f	41-4058 b, d, f	
	41-4067 b, d, f	41-4068 b, d, f	41-4066 b, d, f
41-4096 b, c, f	41-4097 b, c, f	41-4098 b, c, f	
41-4106 b, d, f	41-4107 b, d, f	41-4108 b, d, f	
	41-4117 b, d, f	41-4118 b, d, f	41-4116 b, d, f
	41-4166 b, d, f	41-4167 b, d, f	41-4168 b, d, f
	41-4077 b, d, f	41-4078 b, d, f	41-4076 b, d, f
	*42-5136 a, d1, e, f, h-5	*42-5138 a, d1, e, f, h-1	*42-5134 a, d1, e, f, h-1
	†*42-5137	†*42-5139	†*42-5135
	a, d1, e, f, h-6	a, d1, e, f, h-2	a, d1, e, f, h-2
	*42-5140	*42-5142	*42-5144
	b, d1, e, f, h-7	b, d1, e, f, h-3	b, d1, e, f, h-3
	†*42-5141	†*42-5143	†*42-5145
	b, d1, e, f, h-8	b, d1, e, f, h-4	b, d1, e, f, h-4
	*42-5146	*42-5148	*42-5150
	b, d1, e, f, h-7	b, d1, e, f, h-3	b, d1, e, f, h-3
	†*42-5147	†*42-5149	†*42-5151
	b, d1, e, f, h-8	b, d1, e, f, h-4	b, d1, e, f, h-4

\*NOTE: ALL 42-NUMBERS INDICATE HEATED UNITS. †Indicates 115V ♦Indicates 230v ▲Indicates 115V or 230V (Select voltage)

- d. FILTER**  
Model 41-2620 for cold application. Contains 41-2629 .012 filter.
- d1 FILTER**  
Model 41-2621 for hot application. Contains 41-2628 .009 filter. P/S 1847



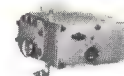
- e. BACK PRESSURE VALVE**  
Model 41-2029 for all Fluid Sections. Maintains fluid circulation from Heaters or Guns back through valve to fluid inlet of pump. P/S 1400



- f. SIPHON KIT**  
Model 41-2294 (3/4") for all Fluid Sections. P/S 1746



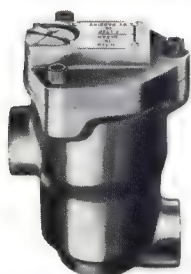
- g. AGITATORS**  
g-2 Model 41-3300 for 55 gallon cover mounts.  
g-1 Model 41-3306 for 5 & 10 gallon mounts.



- h. HEATER KITS with attaching parts**  
Max. working pressure for all heaters is 2000 psi.
- For "U" CART and FLOOR STAND
- † h-1. 42-5120 Single, Fixed Thermostat.
  - † h-2. 42-5121 Single, Adjust. Thermostat.
  - ♦ h-3. 42-5067 Double, Fixed Thermostat.
  - ▲ h-4. 42-5068 Double, Adjust. Thermostat.
- For WALL MOUNT
- ▲ h-5. 42-5122 Single, Fixed Thermostat.
  - ▲ h-6. 42-5123 Single, Adjust. Thermostat.
  - ♦ h-7. 42-5014 Double, Fixed Thermostat.
  - † h-8. 42-5011 Double, Adjust. Thermostat.
- † Hot Airless License Required.



# ACCESSORIES



## TELL-TALE FILTER

Model 37-808, 37-712

External indicator tells when to clean. Built-in bypass: If filter is not cleaned when pointer indicates need, proportional filtering and bypass takes place. Cartridges are of Monel wire and may be cleaned and reinstalled. See Bulletin A 37-4 or contact your nearest Binks representative.



## IN-LINE FILTER

This economical filter is ideal for use either as an additional filtering device at the pump or between the spray gun and hose. This unit contains, as standard, a 54-2211 .012 filter element. P/S 1747

Model 41-1708 In-Line Filter (Brass)  
Model 41-1415 In-Line Filter (Stainless Steel)

## EDGE TYPE FILTER ELEMENTS

These are replacement filter elements for use in the In-Line filter, single filter 41-2280, and Model 50, 51, and 52 guns.

54-2220 - .005 spacing  
41-1411 - .008 spacing  
54-2211 - .012 spacing

For Model 50H and 51H Guns Only:

54-2221 - .008 spacing  
54-2222 - .005 spacing

## FILTER ASSEMBLIES

The newest filters available for cold or hot airless applications. Furnished in 3 models with a Monel wire filter element for ease of cleaning.

Model 41-2620 FILTER (COLD)

with .012 filter screen

Model 41-2621 FILTER (HEATED)

with .009 filter screen

Model 41-2622 FILTER (COLD or HEATED)

with bracket and .009 filter screen

## REPLACEMENT FILTER SCREENS

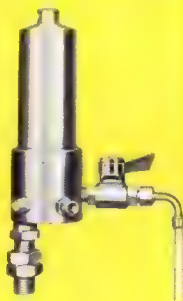
41-2627 - .006 Filter Screen

41-2628 - .009 Filter Screen

41-2629 - .012 Filter Screen

41-2630 - .015 Filter Screen

41-2633 - .021 Filter Screen



## SINGLE FILTER MANIFOLD

For "A" Fluid Section only.

Model 41-2280. Used for one gun operations with 5, 10, or 55 gallon mounts. Contains a 54-2211 - .012 spacing edge type filter element. P/S 1747

See Edge Type Filter Elements for other available spacing sizes.



## SIPHON KITS

For use with dry mounted units and outfits. P/S 1746

Model 41-2294 (3/4")

For All Fluid Sections

Model 41-2296 (1")

Model 41-2616 (3/4")

For 55 Gallon Drums



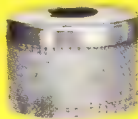
## STRAINER ASSEMBLIES

For Siphon Hose used with dry mounts. 30 Mesh Screen.

Model 41-2661 (1/2")

Model 41-2662 (3/4")

Model 41-2663 (1")



## STRAINERS

Suitable for all wet Fluid Sections. Attach to Foot Valve.

Model 41-2468 (8 mesh)

Model 41-2469 (100 mesh)

Model 41-2288 (50 mesh)



## SPRAY TIP HEAD AND CAP ASSEMBLIES

For use in coating the inside of cylinders, mold spraying or applications where 90°, 180° or 360° projection spray is required, these special Head and Cap Assemblies for one, two and four orifice, 90° spray projections may be attached to any Binks Airless Spray Gun or Nozzle Extension. Flat spray tungsten carbide tips are sized up to .031 diameter orifice for No. 9-10000 series head assemblies, up to .021 diameter orifice for No. 9-20000 series and up to .015 diameter orifice for No. 9-40000 series. These assemblies are made of stainless steel. Spray tips are held by a retainer nut. Never use multiple tips where capacity of combined orifices exceeds pump delivery.

Head and Cap Assemblies Complete with Tip Insert						Tungsten Carbide Tip Inserts Only		Head and Cap Assemblies Less Tip Inserts
One Tip	Number*	Two Tips	Number*	Four Tips	Number*	Number	Orifice & Angle	
	9-10964		9-20964		9-40964	9-0964	.009 X 65°	9-10000 9-20000 9-40000
	9-11144		9-21144		9-41144	9-1144	.011 X 40°	
	9-11174		9-21174		9-41174	9-1174	.011 X 65°	
	9-11584		9-21584		9-41584	9-1584	.015 X 80°	
	9-12164		9-22164			9-2164	.021 X 60°	
	9-12184		9-22184			9-2184	.021 X 80°	
	9-13174					9-3174	.031 X 65°	

\*For orifice and angle of assemblies, compare last four digits of part number with Carbide Tip Inserts above.

Adapter 54-2239  
furnished with Head  
and Cap Assembly  
for 50 Series Guns.



# ACCESSORIES



## BALL VALVES

Binks Ball Valves are available in a wide variety of styles, sizes, materials, and pressure ranges. All valves feature smooth finger tip control at all operating pressures. Consult your Binks Representative for additional styles and sizes.

### MEDIUM PRESSURE BALL VALVES 500 PSI W.P.

72-21116 - 1/4 NPT(M) x 1/4 NPS(M)  
72-21517 - 3/8 NPT(M) x 3/8 NPS(M)

### HIGH PRESSURE BALL VALVES 4000 PSI W.P.

72-11611 - 1/4 NPS(M) x 1/4 NPT(M)  
72-11712 - 3/8 NPS(M) x 3/8 NPT(M)

### LARGE MEDIUM PRESSURE BALL VALVES - 1000 PSI W.P.

72-50101 - 1/2 NPT(F) x 1/2 NPT(F)  
72-50202 - 3/4 NPT(F) x 3/4 NPT(F)



### STAINLESS STEEL BALL VALVES 4000 PSI W.P.

72-31116 - 1/4 NPT(M) x 1/4 NPS(M)  
72-31217 - 3/8 NPT(M) x 3/8 NPS(M)

### STAINLESS STEEL BALL VALVES 3000 PSI W.P.

72-60101 - 1/2 NPT(F) x 1/2 NPT(F)  
72-60202 - 3/4 NPT(F) x 3/4 NPT(F)

## AGITATORS



Binks offers three agitators designed to mix your spray-finishing materials in either 5, 10, or 55 gallon containers. Model 41-3310 Gear Driven for 55 gallon cover mounts.

Model 41-3306 for 5 or 10 gallon cover mounts.

This agitator is supplied as standard on 10 gallon units.

Model 41-3300 Direct Drive for 55 gallon cover mounts.

This agitator is supplied as standard on 55 gallon units.

## OILER

To lubricate air motors.

Model 37-902 1/3 pint capacity;  
1/4 NPT(F).

Model 37-903 1/2 pint capacity;  
1/2 NPT(F).

## LUBRICATING SOLVENT

A 1 pint can of lubricating solvent especially for all fluid sections.

Model 42-175 (Not Shown)

## GUN SAFETY LOCK

A trigger safety lock for Model 39 Guns. This safety feature is available for use where state and local ordinances require this device.

Model 54-2339 (Not Shown)



## OUTLET MANIFOLDS

For remote locations or multigun take-off. Both models have High Pressure Ball Valves and swivel intake fitting. 1/4 NPS(F) Inlet, 1/4 NPS(M) Outlets.

Model 72-1070	2-Outlet	Manifold
Model 72-1071	3-Outlet	Manifold
Model 72-1203	4-Outlet	Manifold

## HEATERS (Not Shown)

Where high volumes of material and heavy production rates dictate, Binks offers the following 6000 watt heaters for use with the airless units shown in this catalog. Maximum working pressure, 2000 psi.

Model 42-5005, 230 V., Fixed Thermo, 125° F.  
Model 42-5007, 230 V., Adjustable.

### FOR WALL MOUNTINGS

Model 42-5015, 230 V., Fixed Thermo, 125° F.  
Model 42-5012, 230 V., Adjustable

### FOR "U" CART AND FLOOR STAND

Model 42-5008, 230 V., Fixed Thermo, 125° F.  
Model 42-5009, 230 V., Adjustable.

## ELECTRICAL EXTENSION CORDS

42-770 Paint Heater Electrical Extension Cord with three wires and junction box. 25 ft.

20-4300 Electra "5" Electrical Extension Cord with three wires and two prong adapter. 50 Ft.



## HIGH PRESSURE FLUID REGULATOR

For regulating fluid pressure to the gun. 3000 psi max. pressure. Inlet 1/4" NPS(M); Outlet 1/4" NPT(F). Mounting bracket included. Gauge is optional, order part number 83-2718. Model 84-420 High Pressure Fluid Regulator (less gauge).

## BACK PRESSURE VALVE

Maintains fluid pressure in circulating system. Maximum working pressure 2000 psi. Inlet, 1/4" NPT(F); Outlet, 1/4" NPS(M). The Mounting Bracket is included. The gauge is optional, order part number 83-2718. Model 84-421 Back Pressure Valve (less gauge).



# HOSE CONNECTIONS NIPPLES ADAPTERS

**NYLON AIRLESS HOSE.** RECOMMENDED SERVICE: An electrically-conductive, solvent-resistant airless spray paint hose recommended for applying all types of paints and enamels, by both cold and heated airless spray methods. Also recommended for Electrostatic airless spray service, in 3/16" and 1/4" sizes.

SIZE	BULK HOSE No	HOSE SIZE		PRESS.		BEND RADIUS	LBS/ 100 Ft	LBS/ COIL	CONNECTION		ASSEMBLY No: HOSE WITH CONNECTIONS						
		I.D.	O.D.	B.P.	W.P.				THREAD	PART No	5 Ft	10 Ft	15 Ft	25 Ft	50 Ft	75 Ft	100 Ft
1/8	71-250	1/8	5/16	10,000	2,500	1"	3.0	15	1/4 NPS(f)	72-938	71-8075	71-8076	71-8077	71-8078	71-8079		
3/16	71-255	3/16	13/32	8,000	2,000	3"	4.5	23	1/4 NPS(f)	72-921	71-8105	71-8106	71-8107	71-8108	71-8109	71-8112	71-8113
1/4	71-231	1/4	15/32	11,000	2,750	4"	5.3	13	1/4 NPS(f)	72-709	71-7708	71-7709	71-7703	71-7704	71-7705	71-7713	71-7714
3/8	71-233	3/8	5/8	9,000	2,250	5"	8.4	17	3/4-16 JIC(f)	72-685	71-7754	71-7756	71-7750	71-7751	71-7752		
1/2	71-234	1/2	25/32	8,000	2,000	7"	12.1	24	7/8-14 JIC(f)	72-711	71-7876	71-7880	71-7881	71-7879	71-7875		
3/4	71-256	3/4	1-1/16	5,000	1,250	9"	18.0	27	1-1/16-12 JIC(f)	72-944	71-8050	71-8051	71-8052	71-8053	71-8054		

**TEFLON AIRLESS HOSE (DuPont Teflon tube with stainless steel wire mesh outer braid).** RECOMMENDED SERVICE: A high pressure solvent-resistant airless spray paint hose recommended for the hot spray application of all coatings, lacquers and fine finishes, or where especially high pressures are employed. Also recommended as a catalyst hose for conveying the acid catalysts employed with foam coatings.

SIZE	BULK HOSE No	HOSE SIZE		PRESS.		BEND RADIUS	LBS/ 100 Ft	LBS/ COIL	CONNECTION		ASSEMBLY No: HOSE WITH CONNECTIONS					
		I.D.	O.D.	B.P.	W.P.				THREAD	PART No	5 Ft	10 Ft	15 Ft	25 Ft	50 Ft	100 Ft
1/4	ASS'Y ONLY	1/4	3/8	12,000	3,500	2.5"	—	—	1/4 NPS(f)	—	71-7806	71-7807	71-7804	71-7801	71-7808	71-7809

**AIR HOSE (Oil Resistant).** RECOMMENDED SERVICE: An oil-resistant air hose recommended where resistance to entrained oil and external oil contamination is required.

SIZE	BULK HOSE No.	HOSE SIZE		PRESS		No. OF BRAIDS	LBS./ 100 Ft.	LBS./ REEL	CONNECTION		ASSEMBLY No.: HOSE WITH CONNECTIONS							
		I.D.	O.D.	B.P.	W.P.				THREAD	PART No.	5 Ft.	10 Ft.	15 Ft.	25 Ft.	50 Ft.	75 Ft.	100 Ft.	
5/16	71-131	5/16	5/8	1000	250	1	13	78	1/4 NPS(f)	72-1317	71-1201	71-1202	71-1203	71-1205	71-1206	71-1207	71-1208	
3/8	71-132	3/8	11/16	1000	250	1	16	96	1/4 NPS(f)	72-1325	71-1351	71-1352	71-1353	71-1355	71-1356	71-1357	71-1358	
									3/8 NPS(f)	72-1328	71-1301	71-1302	71-1303	71-1305	71-1306	71-1307	71-1308	
1/2	71-133	1/2	7/8	800	200	1	26	130	3/8 NPS(f)	72-1333	71-1401	71-1402	71-1403	71-1405	71-1406	71-1407	71-1408	
									1/2 NPS(f)	72-1334	71-1451	71-1452	71-1453	71-1455	71-1456	71-1457	71-1458	
3/4	71-134	3/4	1-3/16	800	200	1	44	132	3/4 NPS(f)	72-1336**	71-1501	71-1502	71-1503	71-1505	71-1506	71-1507	71-1508	

\*\*Indicates these assemblies use Punch-Lok connections.

## NYLON AIRLESS CIRCULATING HOSE (Paired)

Recommended for heated airless or when circulating is desired. See Bulk Hose No.'s 71-255 and 71-231 for specifications.

## PAIRED HOSE ASSEMBLIES

71-8125, 3/16" 15 ft. length; 71-8126, 3/16" 25 ft. length; 71-8150, 1/4" 15 ft. length; 71-8151, 1/4" 25 ft. length.

## REUSABLE CONNECTIONS (Nylon Fluid Hose)

HOSE SIZE	I.D.	O.D.	FOR BULK HOSE No.s	CONNECTION	
				THREAD	PART No.
1/8	5/16		71-250	1/4 NPS(f)	72-938
3/16	13/32		71-255	1/4 NPS(f)	72-921
1/4	15/32		71-231	1/4 NPS(f)	72-709
3/8	5/8		71-233	3/4-16 JIC(f)	72-685
1/2	25/32		71-234	7/8-14 JIC(f)	72-711
3/4	1-1/16		71-256	1-1/16-12 JIC(f)	72-944

## HIGH PRESSURE ADAPTERS

PLATED STL. PART NO.	S.S. PART NO.	MALE THREAD	FEMALE THREAD
72-742	72-727	1/4 NPS	1/8 NPT
72-731	72-961	1/4 NPS	1/4 NPT
	72-811	1/4 NPS	3/8 NPT
20-4029 72-713	101-95	3/4-16 JIC	1/4 NPT
		3/4-16 JIC	3/8 NPT
		3/4-16 JIC	1/2 NPT
20-4257	101-96	7/8-14 JIC	1/4 NPT
		7/8-14 JIC	1/2 NPT
20-4258	72-913	1-1/16-12 JIC	3/4 NPT
		1-5/16-12 JIC	1" NPT



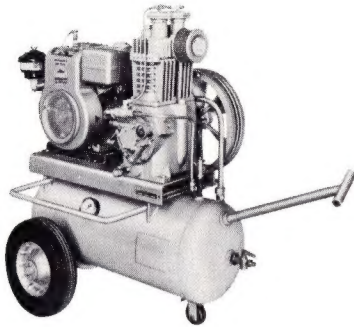
## HIGH PRESSURE DOUBLE MALE NIPPLES

PLATED STL. PART No.	S.S. PART No.	MALE THREAD	MALE THREAD
72-692	72-792	1/8 NPT	1/4 NPS
20-3136	72-969	1/8 NPT	3/8 NPS
		1/8 NPT	1/2-20 JIC
72-690	72-790	1/4 NPS	1/4 NPT
72-691	72-791	1/4 NPS	1/4 NPS
	83-2484	1/4 NPT	3/8 NPS
	72-988	1/4 NPS	3/8 NPT
20-3140		1/4 NPT	1/2-20 JIC
72-688		1/4 NPT	3/4-16 JIC
72-739 20-3889	83-2055 72-798 20-3978 20-3980	3/8 NPS	3/8 NPT
		3/8 NPS	3/8 NPS
		3/8 NPT	3/4-16 JIC
		3/8 NPT	7/8-14 JIC
72-738	41-1235	1/2 NPS	1/2 NPT
72-689		1/2-20 JIC	3/4-16 JIC
72-712		1/2 NPT	3/4-16 JIC
72-912		1/2 NPT	1-1/16-12 JIC
72-714		3/4-16 JIC	3/4-16 JIC
72-715		7/8-14 JIC	7/8-14 JIC

DEFINITIONS: I.D., inside diameter; O.D., outside diameter; B.P., minimum burst pressure; W.P., maximum working pressure. NPS, National Pipe Straight; NPT, National Pipe Tapered; (f), female thread; (m), male thread; S.S., stainless steel.

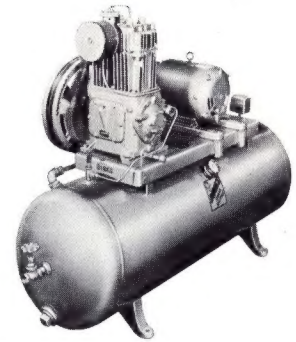
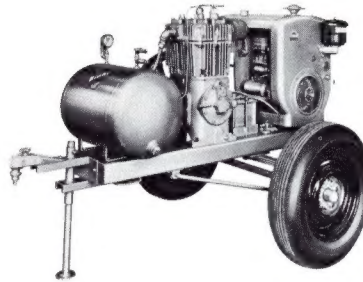


# COMPRESSORS



**MEDIUM DUTY PORTABLE . . .** choose from a wide selection of these low-cost, high-volume compressors. Removable handle makes unit compact and easier to transport. Available with gas engine or electric motor drive belt guard which meets local safety regulations.

**TRAILER MODEL . . .** cushion spring mounting on heavy-duty axle. Dependable standard automotive-type wheels and pneumatic tires make you almost unaware that you are pulling a trailer. The tongue has a ball-type coupling, and convenient parking leg.



**STATIONARY TANK MOUNTED . . .** Binks two-stage compressors are especially designed for long, heavy-duty service. They operate at higher pressures and deliver the maximum in cu. ft. of free air. The ultimate in lubrication efficiency is provided by a Safe-Q-Lube system.

## COMPRESSOR SELECTION GUIDE

PUMP	TIP	RECOMMENDED COMPRESSOR		PUMP	TIP	RECOMMENDED COMPRESSOR	
		PORTABLE	STATIONARY			PORTABLE	STATIONARY
FALCON 3A	.018	33-1117 ELECTRIC	33-1016 ELECTRIC	MERCURY 5C	.043	33-1258 GAS	33-1041 ELECTRIC
	.021	33-1142 ELECTRIC	33-1022 ELECTRIC		(2) .031		
	.021	33-1144 GAS			(3) .021		
	.026	33-1173 GAS	33-1026 ELECTRIC		(4) .018		
	(2) .018						
HAWK 4B	.021	33-1142 ELECTRIC	33-1022 ELECTRIC	SATURN 6D	.043	33-1258 GAS	33-1041 ELECTRIC
	.026	33-1173 GAS	33-1026 ELECTRIC		(2) .036		
	(2) .018				(3) .031		33-1047 ELECTRIC
					(4) .021	33-1261 GAS	

## COMPRESSOR SPECIFICATIONS

MODEL NO.	DRIVE & TYPE	H.P.	SIZE	C.F.M. DISPL.	ACTUAL DEL'Y. C.F.M.	OPER. PRESS.	APPROX. SHPG. WT.	BELT GUARD	BARE COMP. NO.
33-1117	ELECTRIC LO-BOY	1	2½ x 2	6.2	4.0	100-110	210	33-462	33-517
33-1142	ELECTRIC LO-BOY	1½	2½ x 2	9.2	6.0	100-110	240	33-462	33-517
33-1144	GAS LO-BOY	6	2½ x 2	11.3	7.0	100-110	190	33-462	33-517
33-1174	GAS LO-BOY	6.25	2½ x 2	14.5	9.5	100-110	195	33-462	33-517
33-1173	GAS LO-BOY	8.25	3 x 2½	21.5	12.5	100-110	340	33-199	33-525
33-1247*	GAS TRAILER	9.2	4½ x 2½ x 3	24.6	19.5	100-110	820	33-200	33-575
33-1258*	GAS TRAILER	18.0	4½ x 3½	58.0	33.6	90-100	1100	33-228	33-548
33-1261*	GAS TRAILER	18.0	6 x 3¼ x 3½	52.0	42.0	135-150	1125	33-1370	33-588
33-1016	ELECTRIC STATIONARY	1	3 x 1¾ x 2½	5.8	4.0	140-175	675	33-195	33-556
33-1022	ELECTRIC STATIONARY	1½	3½ x 2 x 2½	7.3	5.1	140-175	690	33-195	33-566
33-1026	ELECTRIC STATIONARY	2	3½ x 2 x 2½	9.6	6.7	140-175	700	33-195	33-566
33-1032	ELECTRIC STATIONARY	3	4½ x 2½ x 3	15.6	12.0	140-175	940	33-196	33-576
33-1036	ELECTRIC STATIONARY	5	4½ x 2½ x 3	25.0	19.4	140-175	975	33-196	33-576
33-1041	ELECTRIC STATIONARY	7.5	5¼ x 3 x 3½	34.8	26.8	140-175	1260	33-197	33-586
33-1047	ELECTRIC STATIONARY	10	6 x 3¼ x 3½	50.0	40.0	140-175	1500	33-286	33-587
33-1051	ELECTRIC STATIONARY	15	7½ x 4 x 4	85.0	65.5	120-150	1600	33-275	33-596
33-1095	ELECTRIC BASE	20	7½ x 4 x 4	92.0	71.7	120-150	1500	33-274	33-597

\*Includes electric starter, generator and battery. These units also available as skid or 4 wheel truck type units.



# Binks TECHNICAL SERVICES ...

## TRAINING SCHOOL

This school conducts many types of classes in general spray painting techniques, specialty applications, and the latest methods tailored to your needs. Attendance is free. Simply contact Binks Manufacturing Co.

## CUSTOMER RESEARCH LABS

To help you select the right application equipment for your immediate problem, this lab has facilities to demonstrate the latest techniques to finish your product. You are invited to submit your materials to Binks for testing and evaluation.

## RESEARCH and DEVELOPMENT

For up-to-date state-of-the-arts application and painting techniques, Binks has equipment and personnel available to help you in conducting your studies.

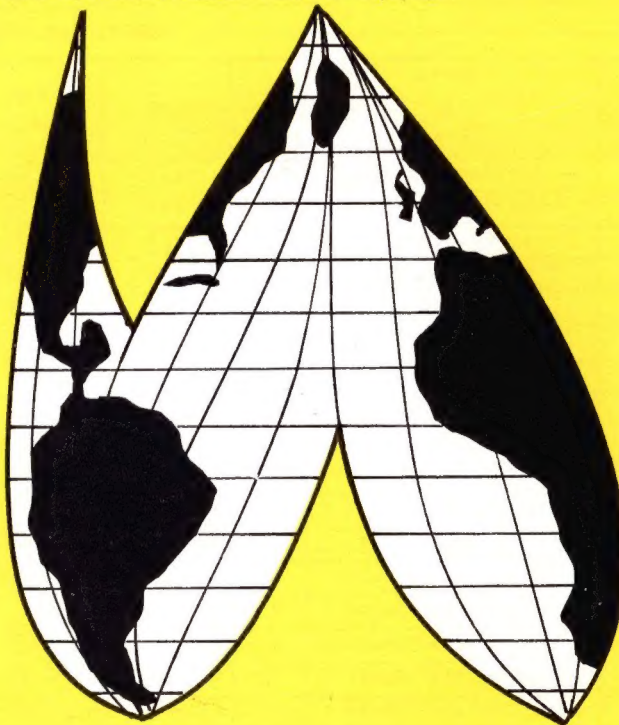
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- Binks-Bullows Ltd., Pelsall Rd., Brownhills, Walsall, Staffs, England
- Binks-Bullows Australia Pty. Ltd., Ethel Ave., Brookvale, Sydney, N.S.W., Australia
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## Binks Manufacturing Co.

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